Notice of Allowability Application No. 10/085,108 BUNKER, RONALD SOUTT				
Notice of Allowability		Application No.	Applicant(s)	CD
### The MAILING DATE of this communication appears on the cover sheet with the correspondence address- All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application will be malled in due course. THI NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application will be malled in due course. THI NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initio of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. ☑ This communication is responsive to 02/19/2004. 2. ☑ The allowed claim(s) is/are 1, 3-0, 11-15, 23, 24. 3. ☑ The drawings filed on 18 September 2002 are accepted by the Examiner. 4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some* o) ☐ None of the: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the Certified copies of the priority documents have been received in Application No 4. ☐ Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a repty complying with the requirements noted below. Failure to timely comply vill result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) altached 1) ☐ hereto or 2? ☐ to Paper No./Mail Date		10/065,108	BUNKER, RONALD	scdtt/
The MAILING DATE of this communication appears on the cover sheet with the correspondence address- All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included horsewith for previously mailed, a Notice of Allowance (PTOL-18) or other appropriate communication will be useful in due course. THI NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the inflit of the Office or upon pelition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. ☑ This communication is responsive to 09/19/2004. 2. ☑ The allowed claim(s) is/are 1, 3-6, 11-15, 23, 24. 3. ☑ The drawings filled on 18 September 2002 are accepted by the Examiner. 4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). **Certified copies not received:	Notice of Allowability	Examiner	Art Unit	
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith for previously mailed, a Notice of Allowance (PTOL-98) or other appropriate communication will be added in due course. THI NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initio of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. ☑ This communication is responsive to 93/19/2004. 2. ☑ The allowed claim(s) is/are 1, 3-6, 11-15, 23, 24. 3. ☑ The drawings filed on 18 September 2002 are accepted by the Examiner. 4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). **Certified copies not received:		Ted Kim	3746	
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Application/Control Number: 10/065,108

Art Unit: 3746

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance: the prior art of record do not fairly teach in permissible combination the claimed invention. Applicant's arguments concerning the applied references are persuasive. When further considering in the combination of references that the center to center distance range is in the Glezer et al reference and the ratio for channel height to concavity diameter is in the JP '901 reference, the combination of ranges while known individually in the art are not taught in permissible combination with being applied to both of the inner and outer surfaces of the cooling channels.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Ted Kim whose telephone number is 703-308-2631. The Examiner can be reached on regular business hours before 5:00 pm, Monday to Thursday and every other Friday.

The fax numbers for the organization where this application is assigned are 703-872-9306 for Regular faxes and 703-872-9306 for After Final faxes.

Application/Control Number: 10/065,108

Art Unit: 3746

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Justine Yu, can be reached on 703-308-2675.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist of Technology Center 3700, whose telephone number is 703-308-0861.

General inquiries can also be directed to Technology Center Customer Service

Office at 703-306-5648 or the Patents Assistance Center whose telephone number is 800786-9199. Furthermore, a variety of online resources are available at

http://www.uspto.gov/main/patents.htm

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Primary Examiner	Fax (Regular)	703-872-9306
April 2, 2004	Fax (After Final)	703-872-9306
Technology Center 3700 Receptionist	Telephone	703-308-0861
Technology Center 3700 Customer Service	Telephone	703-306-5648
Patents Assistance Center	Telephone	800-786-9199